

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A semiconductor laser device comprising:

a package having a front surface, a rear surface and an outer peripheral surface;

a semiconductor laser element and a light receiving element provided on the front surface;

a plurality of leads arranged in spaced relation on the front surface as extending outward from the package; and

an optical element supported above the front surface with its optical axis perpendicular to the front surface for guiding a laser beam emitted from the semiconductor laser element toward an object and guiding light reflected on the object to the light receiving element;

wherein the outer peripheral surface is configured so as to be fitted in a cylindrical hole having an axis parallel to the optical axis of the optical element, and has a recess extending from the front surface to the rear surface, and the leads are bent as extending from the front surface and passing through the recess with distal portions thereof extending through the recess in the outer peripheral surface in a direction parallel to the optical axis of the optical element and with proximal ends of the leads electrically connected to the semiconductor laser element and the light receiving element;

wherein the package comprises a planar substrate, and a plurality of projections arranged in spaced relation as projecting outward from the substrate parallel to the substrate, and the recess is defined between adjacent two of the projections; and

wherein the substrate is rectangular, and the projections project outward from four corners of the substrate.

2. (Original) A semiconductor laser device as set forth in claim 1, wherein the optical axis of the optical element is aligned with the axis of the cylindrical hole.

3. (Cancelled)

4. (Currently Amended) A semiconductor laser device as set forth in claim 3, wherein the substrate has an opening for air-cooling the semiconductor laser element.

5. (Cancelled)

6. (Currently Amended) A semiconductor laser device as set forth in claim 5, wherein the leads extend from two opposite edges of the rectangular substrate and is bent perpendicularly.

7. (Currently Amended) A semiconductor laser device as set forth in claim 3, further comprising a mirror provided on a surface of the substrate for reflecting the laser beam emitted from the semiconductor laser element perpendicularly to the substrate surface.

8. (Currently Amended) A semiconductor laser device as set forth in claim 3, wherein the substrate and the projections are integrally formed of the same material.

9. (Currently Amended) A semiconductor laser device as set forth in claim 3, wherein the substrate has an end face configured so as to receive a lead bending spacer between the leads and the end face of the substrate when the leads are bent.

10. (Original) A semiconductor laser device as set forth in claim 1, wherein the leads each include an inner lead portion present inside the package and an outer lead portion

present outside the package, and the outer lead portions of the leads are arranged at greater intervals than the inner lead portions of the leads.

11. (Original) A semiconductor laser device as set forth in claim 10, wherein the intervals of the inner lead portions increase away from proximal portions thereof.

12. (Original) A semiconductor laser device comprising:

a substrate;

a plurality of substrate support blocks projecting outward from the substrate in spaced relation parallel to the substrate, the substrate support blocks cooperatively defining an outer peripheral surface which is configured so as to be fitted in a cylindrical hole; and

a semiconductor laser element, a light receiving element, an optical element and a plurality of leads provided on a front surface of the substrate, the optical element being adapted to guide a laser beam from the semiconductor laser element toward an object and guide a light beam reflected on the object to the light receiving element;

wherein the leads have proximal ends electrically connected to the semiconductor laser element and the light receiving element, and distal portions extending from an end face of the substrate to be bent and further extending through a gap defined between adjacent two of the substrate support blocks toward a rear surface of the substrate.

13. (Cancelled)

14. (Previously Presented) A semiconductor laser device as set forth in claim 12, wherein the optical axis of the optical element is aligned with the axis of the cylindrical hole.

15. (Previously Presented) A semiconductor laser device as set forth in claim 12, wherein the package comprises a planar substrate, and a plurality of projections arranged in spaced relation as projecting outward from the substrate parallel to the substrate, and the recess is defined between adjacent two of the projections.

16. (Previously Presented) A semiconductor laser device as set forth in claim 12, wherein the substrate has an opening for air-cooling the semiconductor laser element.

17. (Previously Presented) A semiconductor laser device as set forth in claim 15, wherein the substrate is rectangular, and the projections project outward from four corners of the substrate.

18. (Previously Presented) A semiconductor laser device as set forth in claim 17, wherein the leads extend from two opposite edges of the rectangular substrate and is bent perpendicularly.

19. (Previously Presented) A semiconductor laser device as set forth in claim 15, further comprising a mirror provided on a surface of the substrate for reflecting the laser beam emitted from the semiconductor laser element perpendicularly to the substrate surface.

20. (Previously Presented) A semiconductor laser device as set forth in claim 15, wherein the substrate and the projections are integrally formed of the same material.